Advanced Java Lab

Week-7

Roll Number: 238W1A1269

1. Create a basic Spring Boot application using Spring Initializr.

Code:

Steps to Create a Spring Boot Project

1. Fill project details:
   - **Project:** Maven Project
   - **Language:** Java
   - **Spring Boot Version:** 4.0.0 (or latest)
   - **Group:** com.example
   - **Artifact:** demo
2. Add required dependencies:
   - **Spring Web**
   - **Spring data jpa**
   - **H2 database**
   - **Mysql driver**
3. Click **Generate**
4. Run the application with right click of app and run as springboot app

2. Demonstrate session tracking using Hidden Form Fields and URL rewriting.

Code:

```
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class DemoApplication {

    public static void main(String[] args) {
        SpringApplication.run(DemoApplication.class, args);
    }
}
```
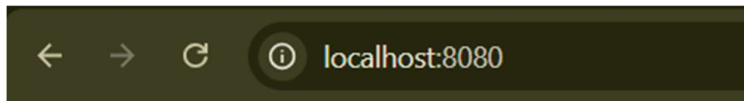
HelloController.java:

```java
package com.example.demo;

import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController
public class HelloController {

    @GetMapping("/")
    public String home() {
        return "Spring Boot Application is Running Successfully!";
    }
}
```

Output:

Spring Boot Application is Running Successfully!